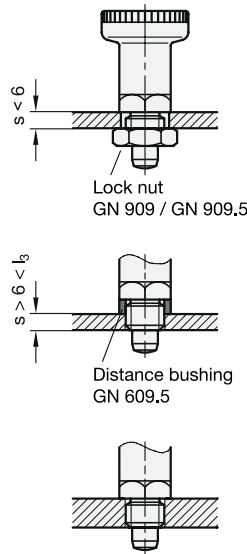


Assembly examples



2 Type
A Without lock nut
AK With lock nut

1

d ₁ Pin $_{-0.02}^{-0.05}$ Bore H7	b	d ₂	d ₃	e ≈	l ₁	l ₂ ± 0,5	l ₃ - 0,15	l ₄	l ₅	A/F	Spring load in N ≈				Axial load in N
											Steel		Stainless steel		
											Initial	End	Initial	End	
6	4	M 12 x 1,5	25	19,6	45	6	10	5	3	17	11	28	9	25	400
8	4,5	M 16 x 1,5	31	21,9	54	8	12	6	3	19	15	29	13	26	500

Specification

- Steel **ST**
 - Blackened
 - Plunger pin hardened
 - Thin hex nut GN 909
- Stainless steel AISI 303 **NI**
 - Plunger pin chemically nickel plated
 - Thin hex nut GN 909.5
- Knob
 - Plastic (Polyamide PA)
 - Black, matte finish
 - Not removable
- Load Rating Information → Page 2132
- ISO Fundamental Tolerances → Page 2151
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

3

Information

Indexing plungers GN 607.1 with rest position are used for such applications where the plunger has to stay in its retracted position. To achieve this, the knob is rotated by 90° degrees after being retracted. A notch keeps the plunger in this position.

Indexing plungers GN 607.1 are distinguished for their small dimensions. The extremely low lock nuts GN 909 / GN 909.5 enlarge the mounting options. The locking tab is an integral part of the knob thus giving reliable operation at all times.

see also...

- List of Indexing Plunger Types → Page 884 ff.
- Positioning Bushings GN 412.2 / GN 412.4 → Page 954
- Positioning Bushings with Ramping Cone GN 412.3 / GN 412.5 → Page 955
- Distance Bushings GN 609.5 (to Limit the Thread Length) → Page 952
- Thin Hex Nuts GN 909 / GN 909.5 → Page 953

How to order (Steel)

GN 607.1-6-A-ST

- 1** d₁
- 2** Type
- 3** Material

How to order (Stainless steel)

GN 607.1-8-A-NI

- 1** d₁
- 2** Type
- 3** Material

